

ABSTRACT OF THE DISCLOSURE

The present invention relates to a method and apparatus for providing a supplementary call service in a

- 5 telecommunication network, wherein a negotiation signaling between end terminals of respective call parties is monitored on the signaling path between the end terminals, and a connection information is detected during said monitoring is stored as a preparatory measure. The detected
- 10 and stored connection information is used to generate a signaling for establishing the supplementary call service, when the supplementary call service is invoked by one of the call parties. Thereby, required connection parameters can be derived from the traffic channel, such that a
- 15 supplementary service information can be sent at a later stage by using a correct signaling determined on the basis of the stored connection information.